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What is claimed is:

1. A process for the preparation of a mixture comprising at least two structurally different diketopyrrolopyrrole pigments of formula

wherein

 A_1 and A_2 are each independently of the other an aromatic or heteroaromatic radical, by reacting a succinic acid ester with at least one unsubstituted or substituted aromatic or heteroaromatic nitrile, which process comprises carrying out the reaction in the presence of at least one compound of formula

wherein

A is an aromatic or heteroaromatic radical,

R₃ is hydrogen, halogen, methyl, methoxy, -CF₃ or -CN,

 R_4 is a linear or, from C_3 upwards, optionally branched C_1 - C_{30} alkyl, C_6 - C_{10} aryl or C_6 - C_{24} -aralkyl radical,

X is -S-, -O-, -CR $_5$ R $_5$ '-, -COO-, -CONR $_5$ -, -SO-, SO $_2$ -, -SO $_2$ NR $_5$ - or -NR $_5$ -, and R $_5$ and R $_5$ ' are each independently of the other hydrogen or a linear or, from C $_3$ upwards, optionally branched C $_1$ -C $_3$ 0alkyl, C $_6$ -C $_1$ 0aryl or C $_6$ -C $_2$ 4aralkyl radical.

- 2. A process according to claim 1, wherein A_1 in formula (1) is a naphthyl radical, diphenyl radical or phenyl radical.
- 3. A process according to either claim 1 or claim 2, wherein A_2 in formula (1) is a naphthyl radical, diphenyl radical or phenyl radical.

- 4. A process according to claim 2, wherein A_1 is a phenyl radical mono- or poly-substituted by halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, - CF_3 , -CN, phenyl, -O-aryl, -SO-aryl, -SO2-aryl or by -S-aryl.
- 5. A process according to claim 3, wherein A_2 is a phenyl radical mono- or poly-substituted by halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, - CF_3 , -CN, phenyl, -O-aryl, -SO-aryl or by -S-aryl.
- 6. A process according to any one of claims 1 to 5, wherein A in formula (2) is a naphthyl radical, diphenyl radical or phenyl radical.
- 7. A process according to claim 6, wherein A is a phenyl radical mono- or poly-substituted by halogen, C₁-C₄alkyl, C₁-C₄alkoxy, -CF₃, -CN, phenyl, -O-aryl, -SO-aryl, -SO₂-aryl or by -S-aryl.
- 8. A process according to any one of claims 1 to 7, wherein X in formula (2) is -S- or -SO₂-.
- 9. A mixture comprising the diketopyrrolopyrrole pigments of formulae

10. A mixture comprising the diketopyrrolopyrrole pigments of formulae

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11. A mixture comprising the diketopyrrolopyrrole pigments of formulae

12. A mixture comprising the diketopyrrolopyrrole pigments of formulae

CI
$$S-(CH_2)_{17}-CH_3$$

HN NH and HN NH

 $C(CH_3)_3$

13. A mixture comprising the diketopyrrolopyrrole pigments of formulae

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14. A process for the preparation of a mixture according to any one of claims 9 to 13, which process comprises reacting a compound of formula

$$NC \longrightarrow R_8$$
 (51),

wherein R₈ is chlorine, methyl, tert-butyl, phenyl or -S-phenyl, and a compound of formula

$$NC - S - (CH_2)_{17} - CH_3$$
 (52)

with a succinic acid diester,

or reacting a mixture consisting of two structurally different compounds of formula (51) and a compound of formula (52) with a succinic acid diester.

15. A method of producing coloured plastics or polymeric colour particles, which comprises incorporating into those materials a diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or a diketopyrrolopyrrole pigment mixture according to the invention according to any one of claims 9 to 13.

- 16. Use of a diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or of a diketopyrrolopyrrole pigment mixture according to the invention according to any one of claims 9 to 13 in the production of coloured plastics or polymeric colour particles.
- 17. Plastics or polymeric colour particles coloured according to claim 15.
- 18. Use of a diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or of a diketopyrrole pigment mixture according to the invention according to any one of claims 9 to 13

in the production of inks, for printing inks in printing processes, for flexographic printing, screen printing, the printing of packaging, security colour printing, intaglio printing or offset printing, for preliminary stages of printing and for printing textiles, for office or home use or for graphics applications, for ballpoint pens, felt-tip pens, fibre-tip pens, cardboard, wood, (wood)stains, metal, stamp pads or inks for impact-printing processes (using impact printing ink ribbons),

in the production of surface-coatings, for industrial or commercial use, for textile decoration and industrial labelling, for coil coatings or powder coatings or for automotive finishes, for high-solids (low-solvent), aqueous or metallic paints or for pigmented formulations for water-based paints, for mineral oils, lubricating greases or waxes,

in the production of non-impact-printing material for digital printing, for thermal wax transfer printing, ink-jet printing or for thermal transfer printing,

in the production of toners, dry copy toners, liquid copy toners or electrophotographic toners.

- 19. Use of a diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or of a diketopyrrolopyrrole pigment mixture according to the invention according to any one of claims 9 to 13 in the production of colour filters.
- 20. A colour filter produced using high molecular weight polymeric material comprising at least one diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or diketopyrrolopyrrole pigment mixture according to the invention according to any one of claims 9 to 13.
- 21. A cosmetic preparation or composition comprising, based on the total weight,

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- a) from 0.0001 to 20 % by weight of at least one diketopyrrolopyrrole pigment mixture prepared in accordance with the invention according to claim 1 or diketopyrrolopyrrole pigment mixture according to the invention according to any one of claims 9 to 13 and b) from 80 to 99.9999 % by weight of a cosmetically suitable carrier material.
- 22. A cosmetic preparation or composition according to claim 21, which is in the form of a stick, ointment, cream, emulsion, suspension, dispersion, powder or solution.